1/20

SEQUENCE I	JIS'	ΓING
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<110> KANEKA CORPORATION

<120> A new promoter

<130> T747.SBP-7

<150> JP 2002-105240

<151> 2002-4-18

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29

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<213> Candida maltosa

<220>

<223> Cm-ACT1 Promoter

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<212> DNA

<213> Candida maltosa

<220>

<223> Cm-GAP3 Promoter

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aatacggtta ctctaccaga gttgtcgact tattggaaca cgttgccaaa gtttccggtt 2760 cctcttaact cagaaacaag ttttagttga cattgtgtct gttttctttt attacatagg 2820 ttgttatatc aatatatgtt tataaatacg tcttgaaaat cttgttttt ttttttgtaa 2880 attttgtaaa ttttcatctt gtgcgggaca aaggacgagt ggagaaaaaa aaaacgaaac 2940 ttttttttc ttttcccga aattgtaaac aaaaacaaca acaacacctc catgtcggaa 3000

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<211> 3173

<212> DNA

<213> Candida maltosa

<220>

<223> Cm-PMA1 Promoter

<400> 11

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ttaaaactgg tgaagctttt atggttgtta ccgctactgg tgacaacact tttgttggta 2460 gagctgctgc tttagtcaac aaagcttccg ctggtactgg tcatttcact gaagttttga 2520 acggtattgg tactacattg ttggttttcg tcattgttac tttgttggtt gtctgggttg 2580 cttgtttcta cagaactgtt agaattgttc caatcttgag atacactttg gctatcacca 2640 ttattggtgt tccagtcggt ttaccagctg tcgttaccac taccatggct gtcggtgctg 2700 cttacttggc taaaaaacaa gctattgtcc aaaaattgtc tgctattgaa tctttggctg 2760 gtgtcgaaat tttatgttct gataaaactg gtactttgac caagaataaa ttgtctttac 2820 atgaaccata cactgttgaa ggtgttgaac cagatgactt gatgttgact gcttgtttgg 2880 ctgcttccag aaagaagaag ggtttggatg ctattgataa agctttcttg aaatctttga 2940 ttaactaccc aagagctaaa gctgctttac caaaatacaa agttattgaa ttccaacctt 3000 ttgatcctgt ctccaaaaaa gttactgcca ttgttgaatc accagaaggt gaaagaatta 3060 tttgtgttaa gggtgctcca ttattcgtct tgaagactgt tgaagatgcc catccaatcc 3120 caqaaqatat ccatqaaaac tatcaaaaca ctgttgccga atttgcttct aga

<210> 12

<211> 1675

<212> DNA

<213> Candida maltosa

<220>

<223> Cm-TEF1 Promoter

<400> 12

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<212> DNA

<213> Artificial Sequence

<220>

<223> Polyhydroxyalkanoate Synthetase Gene, ORF2S

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ttc	tcc	caa	cca	ggt	gaa	ttg	ggt	att	ttt	att	cat	gaa	сса	att a	atc	1104
gcc	gcc	tta	gaa	gcc	caa	aat	gaa	gct	aaa	ggt	att	atg	gat	ggt a	ıga	1152
caa	ttg	gcc	gtc	tcc	ttc	tct	ttg	ttg	aga	gaa	aac	tct	tta	tat t	gg	1200
aat	tac	tat	att	gat	tct	tac	tta	aaa	ggt	caa	tct	cca	gtt	gct t	tt	1248
gat	ttg	ttg	cac	tgg	aac	tct	gat	tct	act	aat	gtt	gcc	ggt	aaa a	ct	1296
cat	aac	tct	ttg	ttg	aga	aga	tta	tat	ttg	gaa	aat	caa	ttg	gtt a	ıaa	1344
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gtc	aaa	gtt	aga	tta	aac	cca	gtt	ttc	gct	tgt	cca	acc	gaa	gaa g	jat	1776
act	qct	tct	aaa	ttq	taa									1794		

<210> 14

<211> 218

<212> DNA

<213> Candida maltosa

<220>

<223> terminator ALK1t

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<210> 15

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<212> DNA

<213> Candida maltosa

<220>

<223> promoter ALK1p

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<212>DNA

<213>Artificial Sequence

<220>

<223>PCR Primer for ALK1p 5'

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<211> 39

<212> DNA

<213> Artificial Sequence

<220>

<223> PCR Primer for ALK1p 3'

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	·	
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35

35

18/20
<223> PCR Primer for Cm-GAP3p 5'
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<210> 23
<211> 35
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